

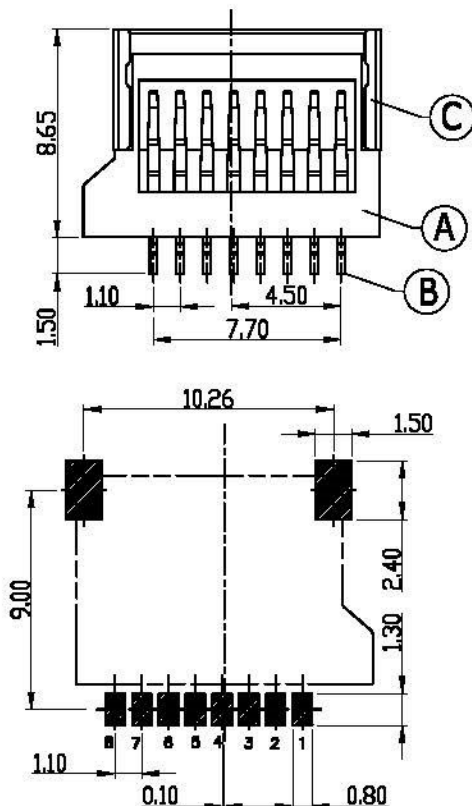
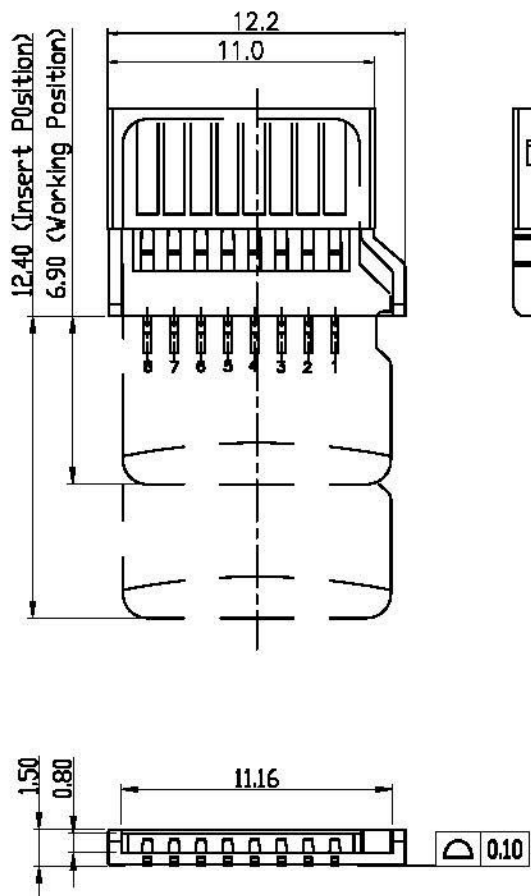
SWITCH CIRCUIT

MATERIAL AND FINISH AS BELOW

WHEN CARD IS EJECTED

WHEN CARD IS INSERTED

| | | | | |
|---|---------|--|---|--|
| A | Housing | LCP UL94V-0 Black | D | |
| B | Contact | Phosphor Bronze C5191, Contact Area: 3u" Gold | E | |
| C | Shell | Stainless Steel SUS304, Nickel Plating Gold Flash on Solder Area. | F | |
| | | | G | |



RECOMMENDED PCB LAYOUT

SPECIFICATION:

- ELECTRICAL**
 - Current Rating: 0.5A
 - Voltage Rating: 100V AC/DC
 - Contact Resistance: 50mΩ
 - Insulation Resistance: 1000MΩ
 - Dielectric Withstanding Voltage: 500VDC
- MECHANICAL**
 - Durability: 10000 Cycle
 - Insertion Force: 9.8N max.
 - Extraction Force: 9.8N max.
- ENVIRONMENTAL**
 - Operating temperature range: -40°C~+85°C
 - Storage temperature range: -40°C~+85°C
- SOLDER ABILITY**
 - Recommended IR Reflow Temperature: 260°C

| | | | | | | | | | | |
|------|---------|-----|-----|-----|-----|------|------|----|-----|-----|
| DAT2 | CD/DAT3 | CMD | VDD | CLK | VSS | DAT0 | DAT1 | | | |
| P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 |

PIN ASSIGNMENT

| | |
|---------------|--|
| 112K-TBA0-RA1 | Micro SD Socket , Without Cover, Contact Area:3u" Gold |
|---------------|--|

| | | | | | | | | |
|-------------|-------------|----------|--|-------------------------------|------|------|------|-------------------|
| PRODUCT NO. | DESCRIPTION | | <p>www.allconnectors.de tel: +0049 711 200950 70734 Filzbergstr. - Germany</p> <p>info@allconnectors.de fax: +049 711 200904 Kettenstr. 25</p> | | | | | |
| | ANGLES | ANG. | | +SP | | | | |
| | LINEAR | 0. | | ±0.3 | | | | |
| | | 0.0 | | ±0.25 | | | | |
| | | 0.00 | | ±0.20 | | | | |
| | SCALE | AS SHOWN | UNIT: mm | | | | | |
| | DRAWN | Willis | 2013/09/24 | DRAWN NAME: | | | | |
| | CHECKED | Angel | 2013/09/24 | Micro SD Socket Without Cover | | | | |
| | APPROVED | Ken | 2013/09/24 | PRODUCT NO. | | | | |
| | | | | 112K-TBA0-RA1 | | | | |
| REV. | DESCRIPTION | DATE | REV. | DESCRIPTION | DATE | SIZE | REV. | FILE NAME |
| 1 | | | | | | A4 | 1.0 | 112K-TBA0-RA1_B_1 |

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